BLACKHAWK®

BLACKHAWK MFG. CO.—Milwaukee 46, Wis.

U. S. USER PRICE LIST FOR ALL PORTO-POWER

No. UP-1507

EFFECTIVE August 1, 1958
Supersedes UP-1506

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs.	Ship. Wt. Oz.
AV-123	$ 1.55	1 3/32" Punch for 3/4" Conduit	—	3
AV-124	.85	1 3/32" Die for 3/4" Conduit	—	4
AV-125	1.80	1 1/32" Punch for 1" Conduit	—	8
AV-126	1.00	1 1/32" Die for 1" Conduit	—	7
AV-127	2.00	1 1/32" Punch for 1 1/4" Condt.	—	6
AV-128	1.10	1 1/32" Punch for 1 1/4" Condt.	—	8
AV-439	2.55	1 1/32" Punch for 1 1/2" Condt.	—	10
AV-440	2.20	1 1/32" Die for 1 1/2" Conduit	—	12
AV-441	3.50	2 3/8" Punch for 2" Conduit	—	14
AV-442	2.75	2 3/8" Die for 2" Conduit	1	1
AV-1429	5.70	2 7/8" Punch for 2 1/2" Condt.	1	6
AV-1430	5.25	2 7/8" Die for 2 1/2" Conduit	1	9
AV-1431	8.50	3 1/2" Punch for 3" Conduit	2	5
AV-1432	7.80	3 1/2" Die for 3" Conduit	2	—
AZ-10	263.45	Super Bant. Ass't in Z-1096	126	—
AZ-11	145.00	Bant. Push or Pull Kit	55	—
AZ-12	62.15	Bantam Pull Clamp Kit	9	18
AZ-13	25.30	Bantam Lock-On Tubing Set	9	13
AZ-14	38.50	Bantam Pull Clamp Ass't	14	—
AZ-16	127.80	Bant. "All-Utility" Set	40	—
AZ-17	85.20	Bant. Jun. Body Kit	30	—
AZ-22	175.70	Bant. Push or Pull Kit	58	—
AZ-25	144.80	Bant. Sheet Metal Kit	48	—
AZ-30	129.95	4 ton Master Rescue Set	56	—
AZ-31	114.00	4 ton Special Rescue Set	48	—
AZ-1002	1.60	3" Lock-On Extension Tube	—	7
AZ-1003	1.70	5" Lock-On Extension Tube	—	9
AZ-1004	2.15	10" Lock-On Extension Tube	1	3
AZ-1005	2.60	15" Lock-On Extension Tube	1	14
AZ-1006	3.30	23" Lock-On Extension Tube	2	14
AZ-1050	1.80	Lock-On Tube Connector	—	8
AZ-1051	1.50	Lock-On Tube Male Adapt.	—	8
AZ-1052	2.10	Lock-On Tube Fem. Adapt.	—	8
AZ-1053	1.85	Ext. Tube Cplg.—4 3/4" long	—	12
AZ-1180	.95	Short Chain—7 3/4" long	—	6
AZ-1200	1.85	Rubber-faced Flat Base	1	4
AZ-1250	2.15	Offset Notched Pull Toe	1	2
AZ-1300	2.10	Pull Clamp Plate (Small)	1	4
AZ-1301	1.80	Pull Clamp Adaptor	—	8
AZ-1303	6.20	Fender Clamp	2	4
AZ-1304	8.35	Pull Clamp	1	12
AZ-1307	1.30	Long Clamp Link	—	7
AZ-1308	3.60	Clamp Head	1	—
AZ-1600	6.15	Low Crown Adjust. Spoon	1	6
AZ-1650	12.95	Metal Case for Bantam	12	—
AZ-1701	3.20	Swivel Connector	—	9
AZ-1900	.30	Bantam Lock Pin	—	4
C-100-S	46.80	Gauge	6	—
EK-5	185.00	Mechanical Pull-Dozer	60	8
EK-6	149.00	Mech. Frame Assem. Only	36	—
EK-8	39.75	Pull-Dozer Attach. Set	30	—
EK-10	259.00	Hydraulic Pull-Dozer	08	—
EK-11	149.00	Hydr. Frame Only	54	—
EK-12	223.00	Hydraulic Frame Assem. (Includes EK-11 & S-70)	78	—
EK-72	29.70 pr.	Universal Clamps	9	—
EK-74	18.50 pr.	Tension Plates	5	—
EK-78	29.70 pr.	Univers. Clamps—Bant.	9	—
EK-79	18.50 pr.	Tension Plates—Bant.	5	—
EK-221	5.00	4' chain with 2 hooks	3	—
EK-222	4.75	6' chain with 1 hook	4	—
EK-223	4.40	Flat Pull Plate Attach.	1	—
EK-224	3.50	Bumper Chain Hook Attach.	1	8
EK-225	4.70	Panel Puller Attach.	1	8
EK-226	10.00	"C" Clamp Attach.	2	—
FZ-10	764.50	Bench-Rack complete	535	—
FZ-13	71.40	Std. Pull Clamp Ass't	23	—
FZ-14	43.95	Std. Lock-On Tubing Set	34	—
FZ-15	382.20	Super Maintenance Ass't	238	—
FZ-24	384.00	Rescue Kit w/o case	200	—
FZ-25	414.00	Rescue Kit w/19523 case	244	—
FZ-26	438.90	Att'mts only for FZ-10	170	—
FZ-27	330.00	Bench-Rack only for FZ-10	365	—
FZ-28	229.90	Rescue Kit w/19811 case	146	—
FZ-29	211.20	Rescue Kit w/o case	122	—
FZ-31	175.70	Standard Maint. Ass't	126	—
FZ-48	297.00	Std. Push or Pull Set	208	—
FZ-49	260.00	Std. Push or Pull Ass't only	142	—
FZ-59	139.00	Junior Body Ass't	82	—
FZ-1002	2.70	5" Lock-On Extension Tube	1	2
FZ-1003	3.65	10" Lock-On Extension Tube	2	6
FZ-1004	4.95	20" Lock-On Extension Tube	5	—
FZ-1005	5.85	30" Lock-On Extension Tube	7	6
FZ-1050	3.50	Lock-On Tube Connector	2	—
FZ-1051	3.00	Lock-On Tube Male Adapt.	1	10
FZ-1052	3.65	Lock-On Tube Fem. Adapt.	1	8

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs.	Ship. Wt. Oz.
FZ-1250	4.95	Offset Notched Pull Toe	2	6
FZ-1300	3.95	Pull Clamp Plate (Large)	5	—
FZ-1301	2.10	Edge Clamp Pusher Head	1	2
FZ-1601	2.35	1/4" 90° Elbow Fitting	—	10
FZ-1602	2.95	1/2" 45° Elbow Fitting	—	9
FZ-1603	3.50	1/4" Tee Fitting	—	15
FZ-1604	4.70	1/4" Cross Fitting	1	3
FZ-1605	2.80	1/4" Coupling	—	3
FZ-1606	4.95	1/4" Street Elbow	—	6
FZ-1607	.30	1/4" Close Nipple, 7/8" long	—	3
FZ-1608	.30	1/4" Short Nipple, 1 1/2" long	—	4
FZ-1609	.35	1/4" Long Nipple, 2" long	—	6
FZ-1610	2.80	3/8" 90° Elbow Fitting	1	1
FZ-1611	3.45	3/8" 45° Elbow Fitting	1	—
FZ-1612	4.15	3/8" Tee Fitting	1	6
FZ-1613	5.65	3/8" Cross Fitting	1	8
FZ-1614	2.80	3/8" Coupling	—	4
FZ-1615	3.50	3/8" Reduc. Fitting (to 1/4")	—	4
FZ-1616	6.60	3/8" Street Elbow	—	7
FZ-1617	.30	3/8" Close Nipple, 1" long	—	3
FZ-1618	.30	3/8" Short Nipple, 1 1/2" long	—	4
FZ-1619	.35	3/8" Long Nipple, 2" long	—	6
FZ-1620	3.30	1/2" 90° Elbow Fitting	1	10
FZ-1621	3.85	1/2" 45° Elbow Fitting	1	7
FZ-1622	4.70	1/2" Tee Fitting	2	2
FZ-1623	6.50	1/2" Cross Fitting	2	12
FZ-1624	2.80	1/2" Coupling	—	8
FZ-1625	4.20	1/2" Reduc. Fitting (to 3/8")	—	8
FZ-1626	6.60	1/2" Street Elbow	1	—
FZ-1627	.30	1/2" Close Nipple, 1 1/8" long	—	3
FZ-1628	.30	1/2" Short Nipple, 1 1/2" long	—	4
FZ-1629	.35	1/2" Long Nipple, 2" long	—	6
FZ-1630	1.65	Reducer Bush. (3/8" to 1/4")	—	1
FZ-1631	.60	Caster for P-182, P-285, etc.	—	4
GA-100-S	46.80	Gauge	6	—
		NEW HOLL-O-RAMS and PULLERS		
HP-20	102.00	20T Unit w/o Gauge	39	—
HP-20-G	135.90	20T Unit w/Gauge	40	—
HP-30	110.00	30T Unit w/o Gauge	47	—
HP-30-G	143.90	30T Unit w/Gauge	48	—
HP-60	265.00	60T Unit w/o Gauge	101	—
HP-60-G	298.90	60T Unit w/Gauge	102	—
HP-200	146.80	Push-Puller Set w/o Gauge	62	—
HP-200-G	180.70	Push-Puller Set w/Gauge	63	—
HP-201	28.90	Push-Pulling Assem.	19	8
HP-202	137.85	Push-Pull. Con. Set w/o Ga.	54	—
HP-202-G	171.75	Push-Puller Con. Set w/Ga.	55	—
HP-206	164.90	Dble. Grip Pull. w/o Gauge	66	—
HP-206-G	198.80	Dble. Grip Puller w/Gauge	67	—
HP-207	47.00	Dble. Grip Pulling Assem.	24	—
HP-208	133.80	Dble. Grip Pull. Conv. Set w/o Gauge	47	—
HP-208-G	167.70	Dble. Grip Pull. Con. w/Ga.	48	—
HP-209	154.90	Dble. Grip Pull. w/o Gage	64	—
HP-209-G	188.80	Dble. Grip Puller w/Gage	65	—
HP-210	37.00	Dble. Grip Pulling Assem.	21	—
HP-211	191.90	Trip. Grip Puller w/o Gage	79	—
HP-211-G	225.80	Trip. Grip Puller w/Gage	80	—
HP-212	74.00	Triple Grip Pulling Assem.	36	—
HP-213	147.85	Trip. Grip Pull. con. w/o Ga.	44	—
HP-213-G	181.75	Trip. Grip. Pull. Con. w/Ga.	45	—
HP-214	176.90	Trip. Grip Pull. w/o Gage	75	—
HP-214-G	210.80	Trip. Grip Pull. w/Gage	76	—
HP-215	59.00	Trip. Grip Pull. Assem.	33	—
HP-216	19.95	Bearing Pulling Attach.	11	—
HP-217	19.95	Bearing Cup Pulling Attach.	4	4
HP-218	19.95	Bearing Cup Pulling Attach.	4	8
HP-219	19.95	Bearing Cup Pulling Attach.	4	—
HP-220	15.90	Ram Mount. and Adjust. Set	5	—
HP-221	328.30	Gen. Pull. Ass't w/o Gauge	119	—
HP-221-G	362.20	Mast. Pull. Ass't w/Gauge	138	—
HP-222	601.25	Mast. Pull. and Maint. Ass't w/o Gauge	384	—
HP-222-G	793.35	Mast. Pull. and Maint. Ass't w/Gauge	385	—
HP-223	507.45	Mast. Pull. and Maint. Ass't w/o Gauge	289	—
HP-223-G	699.55	Mast. Pull. and Maint. Ass't w/Gauge	290	—
HP-225-G	520.40	Master Puller Set	92	—
HP-226	13.80	Adj. Screw Push-Pull Set	4	—
HP-227	33.30	Adj. Screw Contact Set	16	—
HP-228	27.20	Push-Puller Leg Set	16	8
HP-229	124.90	Push-Puller Att. Set	23	8
HP-231	64.40	Push-Puller Adapt. Set	10	8

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs.	Oz.
HP-232	60.50	Push-Puller Leg Reduc. Set	13	—
HP-300	180.40	Push-Puller Set w/o Gauge	84	—
HP-300-G	214.30	Push-Puller Set w/Gauge	85	—
HP-301	47.50	Push-Pulling Assem.	33	4
HP-302	157.65	Push-Puller Con. w/o Gauge	67	—
HP-302-G	191.55	Push-Puller Con. w/Gauge	68	—
HP-303	192.80	Spec. Push-Pull. w/o Gauge	99	—
HP-303-G	226.70	Spec. Push-Pull. w/Gauge	100	—
HP-304	59.90	Spec. Push-Pull. Assem.	42	—
HP-305	167.65	Spc. Push-Pull. Con. w/o Ga	74	—
HP-305-G	201.55	Spc. Push-Pull. Con. w/Ga.	75	—
HP-306	220.40	Dble. Grip Pull. w/o Gage	120	—
HP-306-G	254.30	Dble. Grip Pull. w/Gauge	121	—
HP-307	87.50	Dble. Grip Pulling Assem.	58	—
HP-308	157.65	Dbl. Grip Pull. Con. w/o Ga	59	—
HP-308-G	191.55	Dbl. Grip Pull. Con. w/Ga.	60	—
HP-309	208.40	Dble. Grip Pull. w/o Gage	109	—
HP-309-G	242.30	Dble. Grip Pull. w/Gauge	110	—
HP-310	75.50	Dble. Grip Pulling Assem.	51	—
HP-311	272.90	Trip. Grip Pull. w/o Gauge	146	—
HP-311-G	306.80	Trip. Grip Pull. w/Gauge	147	—
HP-312	140.00	Trip. Grip Pulling Assem.	90	—
HP-313	182.40	Trip. Grip Pull. Con. w/o Ga.	64	—
HP-313-G	216.30	Trip. Grip Pull. Con. w/Ga.	65	—
HP-314	255.40	Trip. Grip Pull. w/o Gauge	137	—
HP-314-G	289.30	Trip. Grip Pull. w/Gauge	138	—
HP-315	122.50	Trip. Grip Pulling Assem.	80	—
HP-316	32.95	Bearing Pulling Attach.	19	12
HP-317	57.50	Spec. Bearing Pull. Attach.	41	12
HP-318	34.50	Bearing Cup Pull. Attach.	9	8
HP-319	44.75	Bearing Cup Pull. Attach.	13	8
HP-320	22.90	Ram Mount. & Adjust. Set	10	—
HP-321	549.25	Mast. Pull. Ass't w/o Gauge	307	—
HP-321-G	555.50	Mast. Pull. Ass't w/Gauge	308	—
HP-322	822.20	Mast. Pull. and Maint. Ass't w/o Gauge	543	—
HP-322-G	1010.35	Mast. Pull. and Maint. Ass't w/Gauge	544	—
HP-325-G	737.40	Master Puller Set	358	—
HP-326	23.70	Push-Pull Adapt. Set	6	—
HP-327	35.80	Push-Puller Leg Set	26	8
HP-329	141.40	Push-Puller Att. Set	31	4
HP-330	43.40	Push-Puller Leg Set	31	8
HP-331	71.00	Push-Puller Leg Reducer Set	16	—
HP-332	70.40	Push-Puller Leg Adaptor Set	15	4
HP-500	432.65	Push-Puller Set w/o Gauge	232	—
HP-500-G	466.55	Push-Puller Set w/Gauge	233	—
HP-501	130.00	Push-Pulling Assem.	107	8
HP-506	456.15	Dbl. Grip Puller w/o Gage	238	—
HP-506-G	490.05	Dble. Grip Puller w/Gauge	239	—
HP-507	153.50	Dble. Grip Pulling Assem.	112	—
HP-509	430.15	Dble. Grip Puller w/o Gage	228	—
HP-509-G	464.05	Dble. Grip Puller w/Gauge	229	—
HP-510	127.50	Dble. Grip Pulling Assem.	102	—
HP-511	539.15	Trip. Grip Pull. w/o Gauge	309	—
HP-511-G	573.05	Trip. Grip Pull. w/Gauge	310	—
HP-512	236.50	Trip. Grip Pulling Assem.	183	—
HP-514	497.15	Trip. Grip Pull. w/o Gauge	277	—
HP-514-G	531.05	Trip. Grip Pull. w/Gauge	278	—
HP-515	194.50	Trip. Grip Pulling Assem.	100	—
HP-516	175.00	Bearing Pulling Attach.	100	—
HP-517	275.00	Bearing Pulling Attach.	197	—
HP-520	37.65	Ram Mount. & Adjust. Set	20	—
HP-525-G	1177.35	Master Puller Set	610	—
HP-526	33.70	Push-Pull Adapt. Set	9	8
HP-528	79.30	Push-Puller Leg Set	27	—
HP-529	33.70	Push-Puller Att. Set	5	8
HP-2001	.35	Leg Nut	—	4
HP-2002	.35	Leg Washer	—	3
HP-2003	19.95	Push-Puller Crossblock	11	8
HP-2005	.95	Sliding Plate	—	3
HP-2006	3.95	Leg, 9½" Long	2	2
HP-2007	4.45	Leg, 16½" Long	3	4
HP-2008	4.95	Leg, 22½" Long	4	8
HP-2009	.95	Leg End	—	4
HP-2010	1.95	Speed Crank	—	14
HP-2011	6.95	Adjusting Screw	1	12
HP-2012	3.45	Leg, 4½" Long	1	4
HP-2013	.20	Ram Base Attach. Screw	—	1
HP-2014	6.60	Threaded Hollow Saddle	—	6
HP-2020	15.90	Double Grip Crosshead	4	—
HP-2021	1.25	Strap	1	8
HP-2022	.45	Cap Screw	—	3
HP-2023	.20	Nut	—	1
HP-2024	9.95	Short Arm	6	—
HP-2025	13.95	Long Arm (21")	7	8
HP-2026	6.75	Solid Serrated Saddle	—	9
HP-2027	2.95	Adaptor	—	12
HP-2028	2.95	Adaptor	—	14
HP-2029	3.95	Adaptor, Pushing	1	—
HP-2030	29.95	Triple Grip Crosshead	4	8
HP-2031	1.25	Reducer	—	5
HP-2032	3.95	Adaptor, Pushing	1	5
HP-2033	3.95	Speed Nut	2	—
HP-2034	5.45	Smooth Hollow Saddle	—	7

MALE and FEMALE ADAPTORS

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs.	Oz.
HP-2300	1.95	Male ¼"-20, Fem. ⅝"-18	—	5
HP-2301	1.95	Male $\frac{5}{16}$"-18, Fem. ⅝"-18	—	5
HP-2302	1.95	Male $\frac{7}{16}$"-14, Fem. ⅝"-18	—	5
HP-2303	1.95	Male $\frac{7}{16}$"-20, Fem. ⅝"-18	—	5
HP-2304	1.95	Male ⅜"-24, Fem. ⅝"-18	—	5
HP-2305	1.95	Male ⅜"-16, Fem. ⅝"-18	—	5
HP-2306	1.95	Male ½"-20, Fem. ⅝"-18	—	5
HP-2307	1.95	Male ½"-13, Fem. ⅝"18	—	5
HP-2308	1.95	Male $\frac{5}{16}$"-18, Fem. ⅝"-18	—	5
HP-2309	1.95	Male ⅝"-11, Fem. ⅝"-18	—	5
HP-2310	1.95	Male ¾"-16, Fem. ⅝"-18	—	5
HP-2311	1.95	Male ¾"-10, Fem. ⅝"-18	—	5
HP-2312	1.95	Male ⅞"-14, Fem. ⅝"-18	—	6
HP-2313	1.95	Male ⅞"-9, Fem. ⅝"-18	—	6
HP-2314	1.95	Male 1"-14, Fem. ⅝"-18	—	8
HP-2315	2.95	Male 1⅛"-12, Fem. ⅝"-18	—	9
HP-2316	2.95	Male ⅛" Pipe, Fem. ⅝"-18	—	5
HP-2317	2.95	Male ¼" Pipe, Fem. ⅝"-18	—	5
HP-2318	2.95	Male ⅜" Pipe, Fem. ⅝"-18	—	5
HP-2319	2.95	Male ½" Pipe, Fem. ⅝"-18	—	5
HP-2320	2.95	Male ⅝"-11, Fem. 1"-14	—	7
HP-2321	2.95	Male ⅝"-18, Fem. 1"-14	—	11
HP-2322	2.95	Male ¾"-16, Fem. 1"-14	—	9
HP-2323	2.95	Male ¾"-10, Fem. 1"-14	—	9
HP-2324	2.95	Male ⅞"-14, Fem. 1"-14	—	10
HP-2325	2.95	Male ⅞"-9, Fem. 1"-14	—	10
HP-2326	2.95	Male 1"-8, Fem. 1"-14	—	10
HP-2327	2.95	Male 1⅛"-12, Fem. 1"-14	—	12
HP-2328	5.95	Male 1"-14, Fem. 1"-14	1	9
HP-2329	5.95	Male 1¾"-12, Fem. 1¼"-12	2	8
HP-2330	5.95	Male ⅝"-18, Fem. 1¼"-7	—	4
HP-2331	5.95	Male 1¼"-7, Fem. 1"-14	—	14
HP-2332	5.95	Male 1"-14, Female 1"-14	1	7
HP-2333	6.90	Male 1"-8, Fem. 1⅝"-5½	—	2
HP-2334	6.90	Male 1"-14, Fem. 1⅝"-5½	2	2
HP-2335	2.95	Male ⅝"-18, Fem. 1"-14	1	1
HP-2336	7.95	Male 1"-8, Fem. 1¼"-12	3	3
HP-2337	9.95	Male 1"-14, Fem. 1½"-12	2	5
HP-2338	9.95	Male 1" Shank, F. 1⅝"-5½	—	5
HP-2339	9.95	M. 1¼" Shank, F. 1⅝"-5½	2	12
HP-2340	5.95	Male ¾"-12, Fem. 1"-14	1	10
HP-2344	3.10	Gauge Adapt. for HP-2345	—	4
HP-2345	30.80	Gauge for Holl-O-Rams	1	—

DUAL REDUCERS

HP-2500	1.00	From ⅝"-18 to ½"-20	—	2
HP-2501	1.25	From ⅝"-18 to ⅝"-18	—	3
HP-2502	1.50	From ⅝"-18 to ¾"-20	—	3
HP-2503	1.50	From ⅝"-18 to $\frac{13}{16}$"-16	—	3
HP-2504	1.50	From ⅝"-18 to ⅞"-14	—	4
HP-2505	1.95	From ⅝"-18 to ⅞"-18	—	4
HP-2506	1.95	From ⅝"-18 to ⅞"-20	—	9
HP-2507	1.95	From ⅝"-18 to 1"-14	—	5
HP-2508	1.95	From ⅝"-18 to 1⅛"-12	—	7
HP-2509	1.95	From 1"-14 to 1⅛"-12	—	12
HP-2510	2.50	From ⅝"-18 to 1¼"-12	—	10
HP-2511	4.95	From 1"-14 to 1¼"-12	—	15
HP-2512	4.95	From 1"-14 to 1¼"-18	1	6
HP-2513	4.95	From 1¼"-12 to 1¼"-12	1	4
HP-2514	4.95	From ⅝"-18 to 1¼"-7	—	10
HP-2515	4.95	From 1"-14 to 1¼"-7	1	—
HP-2516	2.50	From ⅝"-18 to 1½"-12	—	11
HP-2517	4.50	From 1"-14 to 1½"-12	—	15
HP-2518	4.50	From ⅝"-18 to 1½"-7	1	3
HP-2519	4.50	From 1"-14 to 1½"-7	1	1
HP-2520	4.50	From 1"-18 to 1½"-18	1	—

STEP-PLATE ADAPTORS

HP-2600	.75	SD ⅜", FD ⅞"	—	1
HP-2601	.75	SD ¾", FD 1"	—	2
HP-2602	.75	SD ⅞", FD 1⅛"	—	2
HP-2603	.75	SD 1", FD 1¼"	—	2
HP-2604	.85	SD 1⅛", FD 1⅜"	—	3
HP-2605	.90	SD 1¼", FD 1⅝"	—	5
HP-2606	.95	SD 1⅜", FD 1¾"	—	6
HP-2607	1.25	SD 1½", FD 1⅞"	—	8
HP-2608	1.45	SD 1⅝", FD 2"	—	8
HP-2609	1.65	SD 1¾", FD 2⅛"	—	10
HP-2610	1.75	SD 1⅞", FD 2⅜"	—	12
HP-2611	1.95	SD 2", FD 2½"	1	2
HP-2612	2.65	SD 2⅛", FD 2⅝"	1	4
HP-2613	2.95	SD 2¼", FD 2¾"	1	7
HP-2614	3.50	SD 2⅜", FD 2⅞"	1	9
HP-2615	3.75	SD 2½", FD 3"	1	11
HP-2616	3.95	SD 2¾", FD 3¼"	2	—
HP-2617	3.95	SD 3", FD 3½"	2	6
HP-2700	.95	Cent. Pt. Base $\frac{7}{16}$", SD 1½"	—	4
HP-2701	.95	Cent. Pt. Base ⅜", SD 1¼"	—	4
HP-2702	.75	Cent. Pt. Base $\frac{5}{16}$", SD 1"	—	3
HP-2703	.65	Cent. Pt. Base ¼", SD ¾"	—	2
HP-2704	.55	Cent. Pt. Base $\frac{3}{16}$", SD ⅝"	—	1
HP-2705	.50	Cent. Pt. Base $\frac{1}{16}$", SD ⅝"	—	1
HP-3001	.50	Leg Nut	—	1

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs.	Oz.
HP-3002	.50	Leg Washer	—	2
HP-3003	24.75	Push-Puller Crossblock	13	—
HP-3004	34.75	Spec. Push-Pull. Crossblock	19	8
HP-3005	1.95	Sliding Plate	—	3
HP-3006	4.95	Leg, 8" Long	3	8
HP-3007	7.95	Leg, 18" Long	6	4
HP-3008	10.00	Leg, 28" Long	9	—
HP-3009	1.95	Leg End	—	3
HP-3010	3.95	Speed Crank	1	10
HP-3011	11.95	Adjusting Screw	6	—
HP-3014	6.60	Threaded Hollow Saddle	—	7
HP-3020	24.75	Dble. Grip Crosshead	6	—
HP-3021	2.50	Strap	2	—
HP-3022	1.45	Cap Screw	—	4
HP-3023	.50	Nut	—	2
HP-3024	19.95	Short Arm (25¼")	12	—
HP-3025	26.95	Long Arm (31¾")	14	—
HP-3026	7.20	Solid Serrated Saddle	—	12
HP-3029	5.90	Adaptor, Push.	1	7
HP-3030	49.50	Triple Grip Crosshead	7	—
HP-3031	.60	Leg Nut	—	3
HP-3032	.95	Leg Washer	—	2
HP-3033	4.95	Speed Nut	3	—
HP-3035	2.95	Sliding Plate	—	3
HP-3036	6.00	Leg, 8" Long	4	—
HP-3037	9.50	Leg, 18" Long	7	8
HP-3038	12.75	Leg, 28" Long	11	—
HP-3039	2.95	Leg End	—	3
HP-3041	2.95	Reducer	—	10
HP-3042	5.90	Adaptor, Push.	1	12
HP-3043	5.95	Smooth Hollow Saddle	—	8
HP-5001	.90	Leg Nut	—	8
HP-5002	4.75	Sliding Plate	1	—
HP-5003	69.50	Push-Puller Crossblock	66	—
HP-5005	3.95	Sliding Plate	1	—
HP-5007	22.75	Leg, 24" Long	17	—
HP-5008	28.75	Leg, 34" Long	23	8
HP-5010	4.95	Speed Crank	3	8
HP-5011	22.50	Adjusting Screw	14	—
HP-5013	.50	Ram Base Attach. Screw	—	1
HP-5014	9.20	Threaded Hollow Saddle	1	4
HP-5020	44.50	Double Grip Crosshead	24	—
HP-5021	4.75	Strap	5	4
HP-5022	1.60	Cap Screw	1	1
HP-5023	.65	Nut	—	5
HP-5024	37.50	Short Arm (31")	30	—
HP-5025	51.50	Long Arm (43")	35	—
HP-5026	10.15	Solid Serrated Saddle	2	5
HP-5030	60.00	Triple Grip Crosshead	32	—
HP-5031	8.10	Smooth Hollow Saddle	1	13
HP-5033	9.95	Speed Nut	5	—
HP-5034	9.95	Bear.Cup Pull.Attach.Adapt		
P-16.99	4.95	Gauge Adaptor	1	12
P-75	29.95	Hydr. Pump for Pull-Dozer	13	—
P-76	29.95	Pump, Hand Operated	14	—
P-80	68.00	Pump, Auto., 2 speed	26	—
P-85	130.00	Pump, Hand Operated	42	—
P-182	355.00	Pump, Electric Driven	82	—
P-228	93.60	Hand Pump, 40,000 psi	19	—
P-254	467.50	Pump, Electric Driven	90	—
P-255	467.50	Pump, Electric Driven	90	—
P-285	357.50	Pump, Electric Driven	90	—
P-400	22.35	Pump, Hand Operated	6	—
P-550	370.00	Pump, Auto. 2-Speed, elec...	85	—
R-20	55.00	20 ton Holl-O-Ram	15	8
R-30	64.30	30 ton Holl-O-Ram	24	8
R-60	179.30	60 ton Holl-O-Ram	56	8
R-75	26.40	7 ton Short Ram	6	3
R-112	39.30	12 ton Hollow Push-Pull Ram	6	12
R-159	26.95	10 ton Ram	10	—
R-160	33.00	10 ton "Long Stroke" Ram	14	10
R-161	32.45	R-160 w/threaded saddle	14	10
R-210	132.00	50 ton Ram	61	—
R-224	100.30	20T 13" "Long Stroke" Ram	30	8
R-242	14.85	4T Midget Ram w/o Hose	1	—
R-251	65.00	20 ton Ram	21	15
R-263	23.65	4 ton Midget Ram Assem.	2	4
R-426	70.95	10 ton Hollow Ram	7	8
R-540	17.15	4 ton Bantam Ram	3	8
R-618	10.15	2 ton Bantam Short Ram	1	12
R-640	19.80	2 ton Bantam Pull Ram	3	11
RC-20	58.70	20T Holl-O-Ram w/ZR-400	16	—
RC-30	68.00	30T Holl-O-Ram w/ZR-400	25	—
RC-60	183.00	60T Holl-O-Ram w/ZR-400	57	—
RC-75	30.10	7T Short Ram w/ZR-400	6	6
RC-112	42.15	12T Holl-O-Ram w/ZR-630	7	—
RC-159	30.65	10T Ram w/ZR-400	10	13
RC-160	36.70	10T "Long Stroke Ram w/ ZR-400	15	—
RC-161	36.15	RC-160 w/threaded saddle	15	—
RC-210	135.70	50T Ram w/ZR-400	61	4
RC-224	104.00	20T 13" Ram w/ZR-400	30	8
RC-251	68.70	20T Ram w/ZR-400	21	8
RC-426	74.65	10T Hollow Ram w/ZR-400	8	12
RC-540	19.75	4T Bantam Ram w/ZR-630	3	10
RC-618	12.25	2T Pull Ram w/ZR-630	2	—

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs.	Oz.
RC-640	22.65	2T Pull-Ram w/ZR-630	3	14
S-30A	166.65	Pipe Bender Set	92	—
S-31	161.95	10T Maintenance Set	120	—
S-34	279.00	Thin-Wall Pipe Bender Set	166	—
S-35	172.70	Thin-Wall Bender Attacht's	96	—
S-36	363.00	Pipe Bender Set	240	—
S-37	199.00	Ass't of 20T Attach.	210	—
S-45	206.95	10T Set	177	—
S-59	120.95	Junior Body Set	72	—
S-70	74.00	Hydr. Unit for Pull-Dozer	24	—
S-71	74.00	10T Hydraulic Unit	31	—
S-72	79.20	10T Hydraulic Unit	29	11
S-73	78.65	10T Hydraulic Unit	29	11
S-76	74.00	7T Hydraulic Unit	30	—
S-78	109.70	20T Hydraulic Unit	46	—
S-79	308.00	20T Set	245	—
S-80	279.00	50T Hydraulic Unit	107	—
S-82	314.00	50T Hydraulic Set	114	—
S-83	94.60	Attach. Ass't for S-30A	62	—
S-84	257.40	Attach. Ass't for S-36	193	—
S-100	407.00	Deluxe 10 ton Set	374	—
S-130	218.90	Pipe Bender Set	111	7
S-131	151.80	Ass't Attach. for S-130	81	12
S-132	546.00	Pipe Bender Set w/P-550	187	7
S-137	621.50	Pipe Bender Set	315	15
S-138	522.50	Pipe Bender Set	251	5
S-139	803.00	Pipe Bender Set w/P-550	304	5
S-140	902.00	Pipe Bender Set w/P-550	369	15
S-142	185.00	20T Hydraulic Unit	70	7
S-143	466.90	20T Hyd. Unit w/P-550	123	7
S-200	585.00	Super Deluxe 10T Set	483	—
SA-4	25.00	Wedgie w/ZR-400	3	14
SA-6	25.00	Wedgie w/ZR-630	3	—
SA-7	43.70	"Spred" Ram	18	12
SA-8	47.40	Spred-Ram w/ZR-400		
SA-9	33.30	Wedgie "Pick" Set	4	4
SA-16	104.00	Bantam Ass't	40	—
SA-17	67.50	Bantam Ass't	22	—
SA-18	142.65	Bantam Ass't	70	—
SA-25	124.85	Bantam Sheet Metal Kit	46	—
SA-27	164.40	Light Duty Rescue Set	56	—
SA-50	51.00	4T Hydraulic Unit	11	2
SB-43	118.00	10T Hydraulic Unit	34	—
SB-60	103.95	Hydraulic Conv. Kit	26	1
SB-61	124.85	Knock-Out Set	30	2
SB-62	234.00	Master Knock-Out Set	60	—
SB-70	76.45	12T Hydraulic Unit	12	15
SC-4	77.00	Remote Control Assembly	13	6
V-8	21.95	Needle Valve	2	—
V-9	21.95	Choker Valve	1	12
V-38	27.50	Remote Control Valve	2	6
Z-5	3.00	Chain Pull Plate	3	10
Z-8	2.20	Clamp End Toe	1	14
Z-9	1.95	Spreader Plunger Toe	1	9
Z-10	.95	Short Connector	—	9
Z-14	3.65	Flat Base Plate	3	3
Z-16	1.65	90° "V" Base	1	3
Z-21	.50	Clamp Toe Lock Pin	—	2
Z-24	4.40	30" Steel Extension Tube	7	9
Z-25	3.30	20" Steel Extension Tube	5	—
Z-26	1.95	10" Steel Extension Tube	2	8
Z-27	1.35	5" Steel Extension Tube	1	2
Z-30	2.50	Spreader Ram Toe	2	3
Z-34	2.30	Serrated Saddle	—	10
Z-36	1.20	Tube Coupling	—	12
Z-45	3.65	Adaptor Plate	3	2
Z-50	1.05	3" Steel Extension Tube	—	10
Z-92	13.65	Duck Bill Spreader	7	15
Z-95	5.35	Swivel Shoe, Four Sided	3	—
Z-96	7.30	Bending Shoe, 2"	6	4
Z-109	12.00	"C" Clamp (4"x6")	14	2
Z-110	6.00	"V" Block for Press	5	4
Z-116	5.80	Bending Shoe, 1½"	5	6
Z-117	5.80	Bending Shoe, 1¼"	4	6
Z-118	5.35	Bending Shoe, 1"	3	4
Z-128	3.95	3¼" Rub. Dome Flex-Head	1	8
Z-129	1.65	Wedge Head	1	6
Z-131	5.85	5" Rubber Dome Flex-Head	3	8
Z-132	5.40	Chain Pull Plate	10	2
Z-141	10.70	7' Chain with Grab-Hook	9	1
Z-170	10.80	Adjustable Body Spoon	4	6
Z-183	4.35	Pusher Pin ⅞" Dia.	—	15
Z-184	4.05	Pusher Pin ½" Dia.	—	11
Z-185	2.15	Smooth Saddle	—	12
Z-190	10.55	"C" Clamp (3"x4")	11	1
Z-192	3.30	Extension Tube Clamp Head	2	8
Z-218	23.05	8' Chain with Grab-Hook	27	—
Z-238	26.45	Chain Pull Plate	25	8
Z-239	6.05	10" Steel Tube	7	4
Z-240	9.85	20" Steel Tube	15	6
Z-241	13.15	30" Steel Tube	24	12
Z-242	7.15	Tube Coupling	4	—
Z-243	14.85	Ram Base	10	—
Z-258	60.00	10T Press	113	—
Z-285	10.95	Slip-Lock Extension	5	—
Z-293	46.80	Gauge	4	5

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs.	Ship. Wt. Oz.
Z-302	17.55	Gable-type Saddle	3	6
Z-303	17.55	"V"-type Saddle	3	8
Z-305	2.15	Spring Spreader Toe	1	6
Z-306	8.80	Roof Spoon	2	6
Z-307	8.80	Cowl Spoon	2	10
Z-308	12.90	Adjustable Roof Spoon	4	13
Z-309	12.90	Adjustable Cowl Spoon	4	8
Z-315	30.20	Wheel Hub Puller	9	—
Z-319	92.95	Toe-Lift Sleeve	29	8
Z-328	25.85	Portable Press	13	10
Z-333	126.50	Deluxe Stand	120	—
Z-339	59.70	Press for Z-333	100	—
Z-377	69.30	Bending Frame	51	—
Z-379	14.50	Swivel Shoe, 4-sided	15	10
Z-381	19.30	Bending Shoe, 4"	16	14
Z-382	18.15	Bending Shoe, 3½"	13	6
Z-383	16.80	Bending Shoe, 3"	11	14
Z-384	14.30	Bending Shoe, 2½"	7	6
Z-385	11.55	Bending Shoe, 2"	7	10
Z-386	9.95	Bending Shoe, 1½"	5	12
Z-387	8.20	Bending Shoe, 1¼"	5	8
Z-411	36.30	Bending Frame	13	12
Z-413	3.20	Pull Pin	—	12
Z-419	8.30	Swivel Shoe, 3-sided	6	12
Z-421	3.85	Pull Pin	2	4
Z-436	7.45	Serrated Saddle	—	10
Z-494	46.80	Gauge	4	2
Z-498	2.50	23" Steel Tube	2	12
Z-530	1.40	Spreader Plunger Toe	—	9
Z-531	1.05	Serrated Saddle	—	3
Z-532	1.25	90° "V" Base	—	8
Z-533	1.35	Flat Base	1	1
Z-539	2.65	2¾" Flex-Head	—	11
Z-541	.90	5" Steel Tube	—	10
Z-542	1.45	10" Steel Tube	1	3
Z-543	1.70	15" Steel Tube	1	14
Z-544	.95	Tube Coupling	—	6
Z-545	.75	Short Connector	—	4
Z-546	.65	3" Steel Tube	—	6
Z-557	6.40	5-Ft. Chain with Grab-Hook	3	12
Z-558	2.75	Chain Pull Plate	2	—
Z-588	9.70	Adjustable Body Spoon	1	13
Z-595	19.80	Lifting Toe	8	6
Z-604 + 10%	6.85	Spee-D-Coupler, complete	1	6
Z-607	10.95	Plunger Base	9	10
Z-624	9.15	6' Hose w/o Z-630	3	—
Z-629	1.30	Wedge Head	—	10
Z-630	5.35	Bantam Spee-D-Coupler	—	4
Z-650	9.70	Slip-Lock Extension	3	—
Z-668	19.80	6-ft. Hose w/Spec. Assm'ly	3	—
Z-680	21.40	Bending Shoe, 1¼"	13	12
Z-681	24.20	Bending Shoe, 1½"	15	4
Z-682	30.30	Bending Shoe, 2"	23	2
Z-683	26.95	Bending Frame	16	12
Z-691	2.40	U Strap, 1¼"	1	—
Z-692	2.40	U Strap, 1½"	1	4
Z-693	2.70	U Strap, 2"	1	4
Z-694	16.20	Sliding Support, 1¼"	5	10
Z-695	20.35	Sliding Support, 1½"	9	12
Z-696	21.40	Sliding Support, 2"	13	—
Z-721	46.80	Gauge	6	—
Z-722	46.80	Gauge	6	—
Z-790	1.65	Strap Pin	—	9
Z-830	2.05	Plunger Saddle	—	6
Z-838	15.05	Gauge Adaptor	1	8
Z-864	11.65	6-ft. Hose w/ZH-630	1	10
Z-881	8.30	Maximum Indicating Pointer	—	12
Z-887	14.50	Six-ft. Hose w/Z-630	3	—
Z-909	10.85	6-ft. Hose w/⅜" N.P.T.	2	8
Z-913	14.00	6-ft. Hose w/ZH-604	2	15
Z-914	17.80	6-ft. Hose w/Z-604	3	2
Z-915	5.20	2-ft. Hose	1	4
Z-916	9.00	2-ft. Hose w/ZR-400	1	4

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs.	Ship. Wt. Oz.
Z-927	21.45	10' Hose w/ZH-604	5	—
Z-972	2.30	Chain Pull Grip	—	7
Z-977	.40	Cone-type Wedgie Pick	—	2
Z-978	.65	Round-type Wedgie Pick	—	2
Z-981	.85	Mushr'm-type Wedgie Pick	—	4
Z-983	3.40	Rocking-type Wedgie Pick	—	8
Z-1034	1.20	Spreader Ram Toe	—	12
Z-1035	3.00	Adjustable Ram Toe	1	2
Z-1038	1.50	⅞" Punch for ½" Conduit	—	2
Z-1039	.80	⅞" Die for ½" Conduit	—	2
Z-1054	18.00	4" Punch for 3½" Conduit	3	7
Z-1055	14.00	4" Die for 3½" Conduit	3	—
Z-1056	24.00	4½" Punch for 4" Conduit	4	5
Z-1057	18.00	4½" Die for 4" Conduit	3	14
Z-1067	3.85	Short Pull Rod	—	12
Z-1068	.80	Pull Stud Adaptor	—	2
Z-1069	5.20	Long Pull Rod	1	4
Z-1070	3.30	Pull Rod Nut	—	7
Z-1096	38.50	Angl-Stand, Wheeled	66	—
Z-1185	2.80	Plunger Protector Saddle	—	8
Z-1200	50.55	Aluminum Bending Frame	16	6
Z-1201	3.55	½" Bending Shoe	—	15
Z-1202	4.15	¾" Bending Shoe	1	6
Z-1203	5.40	1" Bending Shoe	2	2
Z-1204	9.05	1¼" Bending Shoe	3	14
Z-1205	10.70	1½" Bending Shoe	5	5
Z-1206	13.80	2" Bending Shoe	6	—
Z-1207	10.05	4-Sided Swivel Shoe	1	8
Z-1208	2.15	Pull Pin	1	1
Z-1209	3.85	"Optik Angle" Gauge	—	8
Z-1210	.40	Bending Shoe Lock Pin	—	2
Z-1221	4.40	Long Pull Rod	1	2
Z-1222	3.15	Short Pull Rod	—	11
Z-1223	3.30	Pull Rod Nut	—	7
Z-1224	1.05	Pull Stud	—	2
Z-1225	14.55	Case for SB-60, SB-61	10	5
Z-1226	21.85	Case for SB-62	18	10
Z-1229	1.65	Converter	—	8
Z-1233	179.85	Bending Frame	53	6
Z-1234	35.70	2½" Bending Shoe	16	—
Z-1235	52.50	3" Bending Shoe	24	—
Z-1236	28.85	3½" Bending Shoe	24	—
Z-1237	34.65	4" Bending Shoe	30	—
Z-1238	13.15	3" Swivel Shoe	8	—
Z-1239	18.05	4" Swivel Shoe	10	8
Z-1240	4.70	Swivel Pin	5	—
Z-1241	9.65	Pipe Removing Shoe	8	5
Z-1242	8.30	"Optik-Angle" Gauge	—	14
ZH-604	3.70	Male Half of Z-604	—	5
ZH-630	2.85	Male Half of Z-630	—	2
ZR-400	3.70	Female Half of Z-604	—	6
ZR-630	2.85	Female Half of Z-630	—	2
19519	18.70	Carrying Kit for S-30A	20	—
19523	30.75	Carrying Kit for S-36	40	—
19533	9.35	Carrying Kit for 10T Sets	20	—
19563	30.20	Carrying Kit for S-79 Set	40	—
19568	32.70	Carrying Kit for S-34	40	—
19582	32.70	Bantam Wall Case	30	—
19811	18.70	Carrying Kit—Rescue Sets	24	12
19812	33.00	Carrying Kit—Benders	50	—

HYDRAULIC OIL

LX-21 — FOR ALL HAND-OPERATED FORTO-POWER PUMPS AND HYDRAULIC HAND JACKS

Quart	1.05	12 quarts to carton	2	8
1 Gallon	2.65	Can	9	—
5 Gallon	7.50	Can	44	—

LX-22—FOR ELECTRICALLY DRIVEN HYDRAULIC PUMP P-182

1 Gallon	3.85	Can	9	—
5 Gallon	13.20	Can	42	—

PRICES: All prices are subject to change without notice. All orders are accepted with the understanding that billing will be at the price prevailing at the time of shipment.

BLACKHAWK MFG. CO.

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